BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

RR Nagar Division

Meassurement Sheet

PAYMENT CERTIFICATE

3rd & Part BILL

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BRUHAT BANGALORE MAHANAGARA PALIKE

Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

3rd And Part Bill

Item No: **64**

Item Name: Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3As Per Direction of Engineer Incharge

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Mohan Kuma Nagar Masid Road									
	0.00	30.00	1	30.00	6.00	5.20	5.60	0.45	75.60	
	30.00	60.00	1	30.00	5.20	4.60	4.90	0.45	66.15	
	60.00	90.00	1	30.00	4.60	5.40	5.00	0.45	67.50	
	90.00	120.00	1	30.00	5.40	4.00	4.70	0.45	63.45	
	120.00	150.00	1	30.00	4.00	3.80	3.90	0.45	52.65	
	150.00	180.00	1	30.00	3.80	3.50	3.65	0.45	49.28	
	180.00	210.00	1	30.00	3.50	3.60	3.55	0.45	47.93	
	210.00	239.00	1	29.00	3.60	3.60	3.60	0.45	46.98	
	Mohan Kuma Nagar J.J Enterprises Church Road									
	0.00	30.00	1	30.00	5.00	6.00	5.50	0.45	74.25	
	30.00	60.00	1	30.00	6.00	5.40	5.70	0.45	76.95	
	60.00	90.00	1	30.00	5.40	5.50	5.45	0.45	73.58	
	90.00	120.00	1	30.00	5.50	4.70	5.10	0.45	68.85	
	120.00	150.00	1	30.00	4.70	4.50	4.60	0.45	62.10	
	150.00	163.00	1	13.00	4.50	5.70	5.10	0.45	29.84	
	Mohan Kuma Nagar Behind Railway Track									
	0.00	30.00	1	30.00	5.60	4.10	4.85	0.45	65.48	
	30.00	60.00	1	30.00	4.10	4.00	4.05	0.45	54.68	
	60.00	78.00	1	18.00	4.00	3.50	3.75	0.45	30.38	
	Mohan Kuma Nagar Aditya Milk									
	0.00	21.00	1	21.00	6.70	6.60	6.65	0.45	62.84	
	Mohan Kuma Nagar Annapurneshwari Store									
	0.00	30.00	1	30.00	3.90	4.30	4.10	0.45	55.35	
	30.00	60.00	1	30.00	4.30	4.40	4.35	0.45	58.73	
	60.00	90.00	1	30.00	4.40	4.30	4.35	0.45	58.73	
	90.00	120.00	1	30.00	4.30	4.00	4.15	0.45	56.03	
	120.00	150.00	1	30.00	4.00	4.40	4.20	0.45	56.70	
	150.00	169.50	1	19.50	4.40	5.80	5.10	0.45	44.75	
	Mohan Kuma Nagar Tent House Church Road									

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CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
0.00	30.00	1	30.00	4.40	4.50	4.45	0.45	60.08	
30.00	60.00	1	30.00	4.50	5.00	4.75	0.45	64.13	
60.00	90.00	1	30.00	5.00	5.50	5.25	0.45	70.88	
90.00	120.00	1	30.00	5.50	5.30	5.40	0.45	72.90	
120.00	144.00	1	24.00	5.30	8.30	6.80	0.45	73.44	
Mohan Kuma Nagar Lakshmi Narayana Simha Swamy # 27									
0.00	30.00	1	30.00	3.10	3.50	3.30	0.45	44.55	
30.00	34.00	1	4.00	3.50	3.60	3.55	0.45	6.39	
Mohan Kuma Nagar #3rd Cross Akkiyapa Garden									
0.00	30.00	1	30.00	5.20	6.10	5.65	0.45	76.28	
30.00	38.00	1	8.00	6.10	5.20	5.65	0.45	20.34	
Mohan Kuma Nagar Eswwara Nilya no 12									
0.00	30.00	1	30.00	5.00	5.20	5.10	0.45	68.85	
30.00	37.00	1	7.00	5.20	5.30	5.25	0.45	16.54	
Mohan Kuma Nagar 1st									
0.00	30.00	1	30.00	4.50	4.30	4.40	0.45	59.40	
30.00	38.00	1	8.00	4.30	4.80	4.55	0.45	16.38	
Mohan Kuma Nagar 1st Main									
0.00	30.00	1	30.00	4.10	4.80	4.45	0.45	60.08	
30.00	33.00	1	3.00	4.80	4.80	4.80	0.45	6.48	
Mohan Kuma Nagar C R 5									
0.00	30.00	1	30.00	4.20	4.90	4.55	0.45	61.43	
30.00	46.00	1	16.00	4.90	4.80	4.85	0.45	34.92	
							Total Qty Work Done	**2211.77**	**Sqm**
							Qty Payable in this bill	**2211.77**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No 17

Asst.Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

3rd And Part Bill

Item No: **65**

Item Name: Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 As Per Direction of Engineer Incharge

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Mohan Kuma Nagar Masid Road									
	0.00	30.00	1	30.00	6.00	5.20	5.60		168.00	
	30.00	60.00	1	30.00	5.20	4.60	4.90		147.00	
	60.00	90.00	1	30.00	4.60	5.40	5.00		150.00	
	90.00	120.00	1	30.00	5.40	4.00	4.70		141.00	
	120.00	150.00	1	30.00	4.00	3.80	3.90		117.00	
	150.00	180.00	1	30.00	3.80	3.50	3.65		109.50	
	180.00	210.00	1	30.00	3.50	3.60	3.55		106.50	
	210.00	239.00	1	29.00	3.60	3.60	3.60		104.40	
	Mohan Kuma Nagar JJ Enterpries Church Road									
	0.00	30.00	1	30.00	5.00	6.00	5.50		165.00	
	30.00	60.00	1	30.00	6.00	5.40	5.70		171.00	
	60.00	90.00	1	30.00	5.40	5.50	5.45		163.50	
	90.00	120.00	1	30.00	5.50	4.70	5.10		153.00	
	120.00	150.00	1	30.00	4.70	4.50	4.60		138.00	
	150.00	163.00	1	13.00	4.50	5.70	5.10		66.30	
	Mohan Kuma Nagar Behind Railway Track									
	0.00	30.00	1	30.00	5.60	4.10	4.85		145.50	
	30.00	60.00	1	30.00	4.10	4.00	4.05		121.50	
	60.00	78.00	1	18.00	4.00	3.50	3.75		67.50	
	Mohan Kuma Nagar Aditya Milk									
	0.00	21.00	1	21.00	6.70	6.60	6.65		139.65	
	Mohan Kuma Nagar Annapurneshwari Store									
	0.00	30.00	1	30.00	3.90	4.30	4.10		123.00	
	30.00	60.00	1	30.00	4.30	4.40	4.35		130.50	
	60.00	90.00	1	30.00	4.40	4.30	4.35		130.50	
	90.00	120.00	1	30.00	4.30	4.00	4.15		124.50	
	120.00	150.00	1	30.00	4.00	4.40	4.20		126.00	
	150.00	169.50	1	19.50	4.40	5.80	5.10		99.45	
	Mohan Kuma Nagar Tent House Church Road									

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0.00	30.00	1	30.00	4.40	4.50	4.45		133.50	
30.00	60.00	1	30.00	4.50	5.00	4.75		142.50	
60.00	90.00	1	30.00	5.00	5.50	5.25		157.50	
90.00	120.00	1	30.00	5.50	5.30	5.40		162.00	
120.00	144.00	1	24.00	5.30	8.30	6.80		163.20	
Mohan Kuma Nagar Lakshmi Narayana Simha Swamy # 27									
0.00	30.00	1	30.00	3.10	3.50	3.30		99.00	
30.00	34.00	1	4.00	3.50	3.60	3.55		14.20	
Mohan Kuma Nagar #3rd Cross Akkiyapa Garden									
0.00	30.00	1	30.00	5.20	6.10	5.65		169.50	
30.00	38.00	1	8.00	6.10	5.20	5.65		45.20	
Mohan Kuma Nagar Eswwara Nilya no 12									
0.00	30.00	1	30.00	5.00	5.20	5.10		153.00	
30.00	37.00	1	7.00	5.20	5.30	5.25		36.75	
Mohan Kuma Nagar 1st									
0.00	30.00	1	30.00	4.50	4.30	4.40		132.00	
30.00	38.00	1	8.00	4.30	4.80	4.55		36.40	
Mohan Kuma Nagar 1st Main									
0.00	30.00	1	30.00	4.10	4.80	4.45		133.50	
30.00	33.00	1	3.00	4.80	4.80	4.80		14.40	
Mohan Kuma Nagar C R 5									
0.00	30.00	1	30.00	4.20	4.90	4.55		136.50	
30.00	46.00	1	16.00	4.90	4.80	4.85		77.60	
							Total Qty Work Done	**4915.05**	**Cum**
							Qty Payable in this bill	**4915.05**	**Cum**

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGGS Bangalore

Consultant Representative

Assistant Engineer
Ward No 17

Asst Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sannadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

3rd And Part Bill

Item No: 66

Item Name: Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Mohan Kuma Nagar Masid Road									
	0.00	30.00	1	30.00	6.00	5.20	5.60	0.15	25.20	
	30.00	60.00	1	30.00	5.20	4.60	4.90	0.15	22.05	
	60.00	90.00	1	30.00	4.60	5.40	5.00	0.15	22.50	
	90.00	120.00	1	30.00	5.40	4.00	4.70	0.15	21.15	
	120.00	150.00	1	30.00	4.00	3.80	3.90	0.15	17.55	
	150.00	180.00	1	30.00	3.80	3.50	3.65	0.15	16.43	
	180.00	210.00	1	30.00	3.50	3.60	3.55	0.15	15.98	
	210.00	239.00	1	29.00	3.60	3.60	3.60	0.15	15.66	
	Mohan Kuma Nagar JJ Enterpries Church Road									
	0.00	30.00	1	30.00	5.00	6.00	5.50	0.15	24.75	
	30.00	60.00	1	30.00	6.00	5.40	5.70	0.15	25.65	
	60.00	90.00	1	30.00	5.40	5.50	5.45	0.15	24.53	
	90.00	120.00	1	30.00	5.50	4.70	5.10	0.15	22.95	
	120.00	150.00	1	30.00	4.70	4.50	4.60	0.15	20.70	
	150.00	163.00	1	13.00	4.50	5.70	5.10	0.15	9.95	
	Mohan Kuma Nagar Behind Railway Track									
	0.00	30.00	1	30.00	5.60	4.10	4.85	0.15	21.83	
	30.00	60.00	1	30.00	4.10	4.00	4.05	0.15	18.23	
	60.00	78.00	1	18.00	4.00	3.50	3.75	0.15	10.13	
	Mohan Kuma Nagar Aditya Milk									
	0.00	21.00	1	21.00	6.70	6.60	6.65	0.15	20.95	
	Mohan Kuma Nagar Annapurneshwari Store									
	0.00	30.00	1	30.00	3.90	4.30	4.10	0.15	18.45	
	30.00	60.00	1	30.00	4.30	4.40	4.35	0.15	19.58	
	60.00	90.00	1	30.00	4.40	4.30	4.35	0.15	19.58	

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90.00	120.00	1	30.00	4.30	4.00	4.15	0.15	18.68	
120.00	150.00	1	30.00	4.00	4.40	4.20	0.15	18.90	
150.00	169.50	1	19.50	4.40	5.80	5.10	0.15	14.92	
Mohan Kuma Nagar Tent House Church Road									
0.00	30.00	1	30.00	4.40	4.50	4.45	0.15	20.03	
30.00	60.00	1	30.00	4.50	5.00	4.75	0.15	21.38	
60.00	90.00	1	30.00	5.00	5.50	5.25	0.15	23.63	
90.00	120.00	1	30.00	5.50	5.30	5.40	0.15	24.30	
120.00	144.00	1	24.00	5.30	8.30	6.80	0.15	24.48	
Mohan Kuma Nagar Lakshmi Narayana Simha Swamy # 27									
0.00	30.00	1	30.00	3.10	3.50	3.30	0.15	14.85	
30.00	34.00	1	4.00	3.50	3.60	3.55	0.15	2.13	
Mohan Kuma Nagar #3rd Cross Akkiyapa Garden									
0.00	30.00	1	30.00	5.20	6.10	5.65	0.15	25.43	
30.00	38.00	1	8.00	6.10	5.20	5.65	0.15	6.78	
Mohan Kuma Nagar Eswwara Nilya no 12									
0.00	30.00	1	30.00	5.00	5.20	5.10	0.15	22.95	
30.00	37.00	1	7.00	5.20	5.30	5.25	0.15	5.51	
Mohan Kuma Nagar 1st									
0.00	30.00	1	30.00	4.50	4.30	4.40	0.15	19.80	
30.00	38.00	1	8.00	4.30	4.80	4.55	0.15	5.46	
Mohan Kuma Nagar 1st Main									
0.00	30.00	1	30.00	4.10	4.80	4.45	0.15	20.03	
30.00	33.00	1	3.00	4.80	4.80	4.80	0.15	2.16	
Mohan Kuma Nagar C R 5									
0.00	30.00	1	30.00	4.20	4.90	4.55	0.15	20.48	
30.00	46.00	1	16.00	4.90	4.80	4.85	0.15	11.64	
						Total Qty Work Done		**737.26**	**Cum**
						Qty Payable in this bill		**737.26**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No 17

Asst.Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

3rd And Part Bill

Item No: **67**

Item Name: Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. . MORTH Specification No. 601As Per Direction of Engineer Incharge

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Mohan Kuma Nagar Masid Road									
	0.00	30.00	1	30.00	6.00	5.20	5.60	0.15	25.20	
	30.00	60.00	1	30.00	5.20	4.60	4.90	0.15	22.05	
	60.00	90.00	1	30.00	4.60	5.40	5.00	0.15	22.50	
	90.00	120.00	1	30.00	5.40	4.00	4.70	0.15	21.15	
	120.00	150.00	1	30.00	4.00	3.80	3.90	0.15	17.55	
	150.00	180.00	1	30.00	3.80	3.50	3.65	0.15	16.43	
	180.00	210.00	1	30.00	3.50	3.60	3.55	0.15	15.98	
	210.00	239.00	1	29.00	3.60	3.60	3.60	0.15	15.66	
	Mohan Kuma Nagar JJ Enterprises Church Road									
	0.00	30.00	1	30.00	5.00	6.00	5.50	0.15	24.75	
	30.00	60.00	1	30.00	6.00	5.40	5.70	0.15	25.65	
	60.00	90.00	1	30.00	5.40	5.50	5.45	0.15	24.53	
	90.00	120.00	1	30.00	5.50	4.70	5.10	0.15	22.95	
	120.00	150.00	1	30.00	4.70	4.50	4.60	0.15	20.70	
	150.00	163.00	1	13.00	4.50	5.70	5.10	0.15	9.95	
	Mohan Kuma Nagar Behind Railway Track									
	0.00	30.00	1	30.00	5.60	4.10	4.85	0.15	21.83	
	30.00	60.00	1	30.00	4.10	4.00	4.05	0.15	18.23	
	60.00	78.00	1	18.00	4.00	3.50	3.75	0.15	10.13	
	Mohan Kuma Nagar Aditya Milk									
	0.00	21.00	1	21.00	6.70	6.60	6.65	0.15	20.95	
	Mohan Kuma Nagar Annapurneshwari Store									

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0.00	30.00	1	30.00	3.90	4.30	4.10	0.15	18.45	
30.00	60.00	1	30.00	4.30	4.40	4.35	0.15	19.58	
60.00	90.00	1	30.00	4.40	4.30	4.35	0.15	19.58	
90.00	120.00	1	30.00	4.30	4.00	4.15	0.15	18.68	
120.00	150.00	1	30.00	4.00	4.40	4.20	0.15	18.90	
150.00	169.50	1	19.50	4.40	5.80	5.10	0.15	14.92	
Mohan Kuma Nagar Tent House Church Road									
0.00	30.00	1	30.00	4.40	4.50	4.45	0.15	20.03	
30.00	60.00	1	30.00	4.50	5.00	4.75	0.15	21.38	
60.00	90.00	1	30.00	5.00	5.50	5.25	0.15	23.63	
90.00	120.00	1	30.00	5.50	5.30	5.40	0.15	24.30	
120.00	144.00	1	24.00	5.30	8.30	6.80	0.15	24.48	
Mohan Kuma Nagar Lakshmi Narayana Simha Swamy # 27									
0.00	30.00	1	30.00	3.10	3.50	3.30	0.15	14.85	
30.00	34.00	1	4.00	3.50	3.60	3.55	0.15	2.13	
Mohan Kuma Nagar #3rd Cross Akkiyapa Garden									
0.00	30.00	1	30.00	5.20	6.10	5.65	0.15	25.43	
30.00	38.00	1	8.00	6.10	5.20	5.65	0.15	6.78	
Mohan Kuma Nagar Eswwara Nilya no 12									
0.00	30.00	1	30.00	5.00	5.20	5.10	0.15	22.95	
30.00	37.00	1	7.00	5.20	5.30	5.25	0.15	5.51	
Mohan Kuma Nagar 1st									
0.00	30.00	1	30.00	4.50	4.30	4.40	0.15	19.80	
30.00	38.00	1	8.00	4.30	4.80	4.55	0.15	5.46	
Mohan Kuma Nagar 1st Main									
0.00	30.00	1	30.00	4.10	4.80	4.45	0.15	20.03	
30.00	33.00	1	3.00	4.80	4.80	4.80	0.15	2.16	
Mohan Kuma Nagar C R 5									
0.00	30.00	1	30.00	4.20	4.90	4.55	0.15	20.48	
30.00	46.00	1	16.00	4.90	4.80	4.85	0.15	11.64	
							Total Qty Work Done	**737.26**	**Cum**
							Qty Payable in this bill	**737.26**	**Cum**

Contractor Representative

Consultant Representative

QUALITY CONSULTANTS CIVIL ENGINEERS

Assistant Engineer
Ward No 17

Asst.Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sannadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Jeevanya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

3rd And Part Bill

Item No: 68

Item Name: Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fne aggregates at 0.46 cum,Coarse and fne aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix

Sl.NO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Mohan Kuma Nagar Masid Road									
	0.00	30.00	1	30.00	6.00	5.20	5.60	0.15	25.20	
	30.00	60.00	1	30.00	5.20	4.60	4.90	0.15	22.05	
	60.00	90.00	1	30.00	4.60	5.40	5.00	0.15	22.50	
	90.00	120.00	1	30.00	5.40	4.00	4.70	0.15	21.15	
	120.00	150.00	1	30.00	4.00	3.80	3.90	0.15	17.55	
	150.00	180.00	1	30.00	3.80	3.50	3.65	0.15	16.43	
	180.00	210.00	1	30.00	3.50	3.60	3.55	0.15	15.98	
	210.00	239.00	1	29.00	3.60	3.60	3.60	0.15	15.66	
	Mohan Kuma Nagar JJ Enterprises Church Road									
	0.00	30.00	1	30.00	5.00	6.00	5.50	0.15	24.75	
	30.00	60.00	1	30.00	6.00	5.40	5.70	0.15	25.65	
	60.00	90.00	1	30.00	5.40	5.50	5.45	0.15	24.53	
	90.00	120.00	1	30.00	5.50	4.70	5.10	0.15	22.95	
	120.00	150.00	1	30.00	4.70	4.50	4.60	0.15	20.70	
	150.00	163.00	1	13.00	4.50	5.70	5.10	0.15	9.95	
	Mohan Kuma Nagar Behind Railway Track									
	0.00	30.00	1	30.00	5.60	4.10	4.85	0.15	21.83	
	30.00	60.00	1	30.00	4.10	4.00	4.05	0.15	18.23	
	60.00	78.00	1	18.00	4.00	3.50	3.75	0.15	10.13	
	Mohan Kuma Nagar Aditya Milk									
	0.00	21.00	1	21.00	6.70	6.60	6.65	0.15	20.95	
	Mohan Kuma Nagar Annapurneshwari Store									
	0.00	30.00	1	30.00	3.90	4.30	4.10	0.15	18.45	
	30.00	60.00	1	30.00	4.30	4.40	4.35	0.15	19.58	

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 054.

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60.00	90.00	1	30.00	4.40	4.30	4.35	0.15	19.58		
90.00	120.00	1	30.00	4.30	4.00	4.15	0.15	18.68		
120.00	150.00	1	30.00	4.00	4.40	4.20	0.15	18.90		
150.00	169.50	1	19.50	4.40	5.80	5.10	0.15	14.92		
Mohan Kuma Nagar Tent House Church Road										
0.00	30.00	1	30.00	4.40	4.50	4.45	0.15	20.03		
30.00	60.00	1	30.00	4.50	5.00	4.75	0.15	21.38		
60.00	90.00	1	30.00	5.00	5.50	5.25	0.15	23.63		
90.00	120.00	1	30.00	5.50	5.30	5.40	0.15	24.30		
120.00	144.00	1	24.00	5.30	8.30	6.80	0.15	24.48		
Mohan Kuma Nagar Lakshmi Narayana Simha Swamy # 27										
0.00	30.00	1	30.00	3.10	3.50	3.30	0.15	14.85		
30.00	34.00	1	4.00	3.50	3.60	3.55	0.15	2.13		
Mohan Kuma Nagar #3rd Cross Akkiyapa Garden										
0.00	30.00	1	30.00	5.20	6.10	5.65	0.15	25.43		
30.00	38.00	1	8.00	6.10	5.20	5.65	0.15	6.78		
Mohan Kuma Nagar Bswwara Nilya no 12										
0.00	30.00	1	30.00	5.00	5.20	5.10	0.15	22.95		
30.00	37.00	1	7.00	5.20	5.30	5.25	0.15	5.67		
Mohan Kuma Nagar 1st										
0.00	30.00	1	30.00	4.50	4.30	4.40	0.15	19.80		
30.00	38.00	1	8.00	4.30	4.80	4.55	0.15	5.46		
Mohan Kuma Nagar 1st Main										
0.00	30.00	1	30.00	4.10	4.80	4.45	0.15	20.03		
30.00	33.00	1	3.00	4.80	4.80	4.80	0.15	2.16		
Mohan Kuma Nagar C R 5										
0.00	30.00	1	30.00	4.20	4.90	4.55	0.15	20.48		
30.00	46.00	1	16.00	4.90	4.80	4.85	0.15	11.64		
								Total Qty Work Done	**737.26**	**Cum**
								Qty Payable in this bill	**737.26**	**Cum**

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bangalore Mahanagara Palika
Bangalore - 560 054

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No 17

Asst.Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Measurement Sheet

3rd And Part Bill

Item No: **69**

Item Name: Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.. KPWD S.R 2018-19 As Per Direction of Engineer Incharge

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Mohan Kuma Nagar Masid Road									
	0.00	30.00	1	30.00	6.00	5.20	5.60		168.00	
	30.00	60.00	1	30.00	5.20	4.60	4.90		147.00	
	60.00	90.00	1	30.00	4.60	5.40	5.00		150.00	
	90.00	120.00	1	30.00	5.40	4.00	4.70		141.00	
	120.00	150.00	1	30.00	4.00	3.80	3.90		117.00	
	150.00	180.00	1	30.00	3.80	3.50	3.65		109.50	
	180.00	210.00	1	30.00	3.50	3.60	3.55		106.50	
	210.00	239.00	1	29.00	3.60	3.60	3.60		104.40	
	Mohan Kuma Nagar JJ Enterprises Church Road									
	0.00	30.00	1	30.00	5.00	6.00	5.50		165.00	
	30.00	60.00	1	30.00	6.00	5.40	5.70		171.00	
	60.00	90.00	1	30.00	5.40	5.50	5.45		163.50	
	90.00	120.00	1	30.00	5.50	4.70	5.10		153.00	
	120.00	150.00	1	30.00	4.70	4.50	4.60		138.00	
	150.00	163.00	1	13.00	4.50	5.70	5.10		66.30	
	Mohan Kuma Nagar Behind Railway Track									
	0.00	30.00	1	30.00	5.60	4.10	4.85		145.50	
	30.00	60.00	1	30.00	4.10	4.00	4.05		121.50	
	60.00	78.00	1	18.00	4.00	3.50	3.75		67.50	
	Mohan Kuma Nagar Aditya Milk									
	0.00	21.00	1	21.00	6.70	6.60	6.65		139.65	
	Mohan Kuma Nagar Annapurneshwari Store									
	0.00	30.00	1	30.00	3.90	4.30	4.10		123.00	
	30.00	60.00	1	30.00	4.30	4.40	4.35		130.50	
	60.00	90.00	1	30.00	4.40	4.30	4.35		130.50	
	90.00	120.00	1	30.00	4.30	4.00	4.15		124.50	

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120.00	150.00	1	30.00	4.00	4.40	4.20		126.00	
150.00	169.50	1	19.50	4.40	5.80	5.10		99.45	
Mohan Kuma Nagar Tent House Church Road									
0.00	30.00	1	30.00	4.40	4.50	4.45		133.50	
30.00	60.00	1	30.00	4.50	5.00	4.75		142.50	
60.00	90.00	1	30.00	5.00	5.50	5.25		157.50	
90.00	120.00	1	30.00	5.50	5.30	5.40		162.00	
120.00	144.00	1	24.00	5.30	8.30	6.80		163.20	
Mohan Kuma Nagar Lakshmi Narayana Simha Swamy # 27									
0.00	30.00	1	30.00	3.10	3.50	3.30		99.00	
30.00	34.00	1	4.00	3.50	3.60	3.55		14.20	
Mohan Kuma Nagar #3rd Cross Akkiyapa Garden									
0.00	30.00	1	30.00	5.20	6.10	5.65		169.50	
30.00	38.00	1	8.00	6.10	5.20	5.65		45.20	
Mohan Kuma Nagar Eswwara Nilya no 12									
0.00	30.00	1	30.00	5.00	5.20	5.10		153.00	
30.00	37.00	1	7.00	5.20	5.30	5.25		36.75	
Mohan Kuma Nagar 1st									
0.00	30.00	1	30.00	4.50	4.30	4.40		132.00	
30.00	38.00	1	8.00	4.30	4.80	4.55		36.40	
Mohan Kuma Nagar 1st Main									
0.00	30.00	1	30.00	4.10	4.80	4.45		133.50	
30.00	33.00	1	3.00	4.80	4.80	4.80		14.40	
Mohan Kuma Nagar C R 5									
0.00	30.00	1	30.00	4.20	4.90	4.55		136.50	
30.00	46.00	1	16.00	4.90	4.80	4.85		77.60	
							Total Qty Work Done	**4915.05**	**No's**
							Qty Payable in this bill	**4915.05**	**No's**

N.M
Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore
Consultant Representative

Assistant Engineer
Ward No 17

Asst.Executive Engineer
Yashwanthapura Sub Division

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